

Title (en)
Connector assembly.

Title (de)
Steckeranordnung.

Title (fr)
Assemblage de connecteur.

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Application
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Abstract (en)
A connector assembly for interconnecting optical and/or electrical conductors comprises a first guiding plate (3) to be embedded in a printed circuit board and a second guiding plate (11). The guiding plates have one or more guiding channels (4) for first conductors and second conductors to be connected with the first conductors respectively. Each conductor includes a contact pad in the main surface of the corresponding printed circuit board or guiding plate. The guiding plates (3,11) comprise a projection (13,13) and a slot (16,21) for mutually positioning the contact pads of the conductors. The projection and slot have co-operating straight reference surfaces (14,17;20,22) located at a predetermined position with respect to the guiding channels and these reference surfaces are pressed together to accurately align the guiding channels of the guiding plates. A spring (24) provides a pressing together of the contact pads of the conductors in the assembled position of the connector assembly. <IMAGE>

IPC 1-7
G02B 6/38; **H01R 23/72**; **H01R 23/70**; **H01R 23/68**

IPC 8 full level
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CPC (source: EP US)
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• [X] EP 0367737 A2 19900509 - IBM [US]
• [A] DE 3608053 A1 19870917 - SIEMENS AG [DE]
• [A] JOURNAL OF LIGHTWAVE TECHNOLOGY. vol. 6, no. 6, June 1988, NEW YORK US pages 862 - 871 MURPHY E.J. 'FIBER ATTACHMENT FOR GUIDED WAVE DEVICES'

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